

Quick Scale

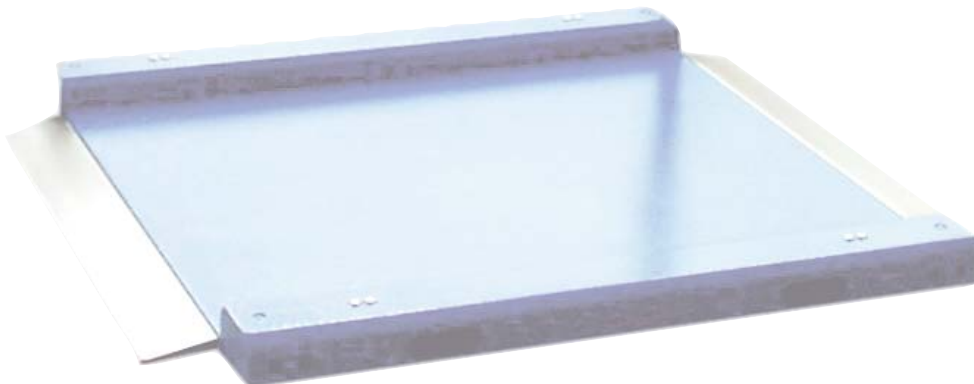
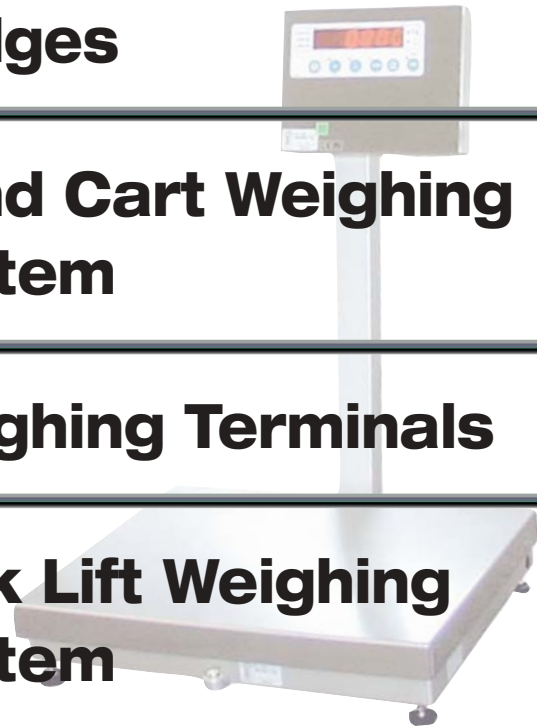
Electronic Weighing Bridges

Trolley Weighing Bridges

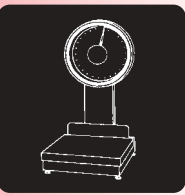
Hand Cart Weighing System

Weighing Terminals

Fork Lift Weighing System



SCALES



Quick Scale, mechanical

Order No. 130

Order No. 131

Mechanical Scales for the quick determination of weights in the fields of agriculture, fishery, on ships etc.

Its size and exactitude are the specialities of this mechanical balance. The scale of this balance is manually calibrated by use of standardised weights.

Also available in any other weight unit (pounds, etc.)

The hand of the pointer can be set to exact zero by use of the built-in calibration screw.



Order No.	Max. load		Resolution Kg : Kg	Scale Ø mm	Weight Kg
	Kg	lbs			
130	10	20	0,05 : 0,05	150	2
131	25	50	0,1 : 0,1	150	2

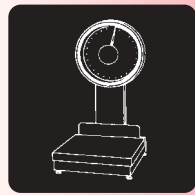
Weighing Bridge

For connection to all terminals.

Sturdy wall-mounted weighing bridge. Can be folded away when not in use (depth only 120 mm). Weighing bridge, as well as folding struts made of stainless steel 1.4301, weighing cell made of anodised aluminium alloy. Approx. 2 m cable (sealed in)



Weighing bridge type 010	Weighing platform mm	Range kg	Resolution g	Max load Kg
4 120 000 101	500 x 400	0,4 - 80	20	100
4 120 000 102	500 x 400	1 - 150	50	200



Weighing Bridges 080 – 083 for electronic tabletop or floor scales

Features

Sturdy, versatile tabletop and floor scale for industry, trade and manufacturing. Also available in a rust-proof version (special model) for example for the food industry.

Construction

Direct force exertion onto a DMS weighing cell made of anodised aluminium alloy. To be connected to all terminals.

Surface Protection

Weighing bridge completely powder-coated, type 080 and 081 have a platform made of stainless steel 1.4301.

Technical Data:

Weighing error according to the calibration rules and OIML for retail scales class III

*Fluctuation time***:* 2 sec

Operational temperature: -10 bis +40 °C

Storage temperature: -20 bis +65 °C

Protection: IP 65

Lateral Load: max 30% of max fop load

Inclination with lateral load: max. 4 m

Monitor connection: type 080, 081 = 2 m soldered connection
type 082, 083 = 3 m soldered connection

Weighing cells: approved according to R60

Weighing Bridge type 080



Options:

Stand for table top scales, height with terminal approx. 600 mm

4 120 000 046 powder coated

4 120 000 047 stainless steel 1.4301

Stainless steel version 1.4301

4 120 000 048 complete weighing bridge (except weighing cell)

plug-in connection

4 120 000 049 between terminal and weighing bridge

extended range function

4 120 000 050 higher resolution

Weighing Bridge type 081

Options:

Stand for table top scales, height with terminal approx. 600 mm

4 120 000 051 powder coated

4 120 000 052 stainless steel 1.4301

Stand for table top scales, height with terminal approx. 1000 mm

4 120 000 053 powder coated

4 120 000 054 stainless steel 1.4301

Stainless steel version 1.4301

4 120 000 055 complete weighing bridge (except weighing cell)

plug-in connection

4 120 000 056 between terminal and weighing bridge

extended range function

4 120 000 057

higher resolution



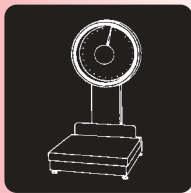
Weighing bridge type 080	Size weighing table mm	Weighing range Kg	Display range ¹⁾ Kg	Max load ²⁾ Kg	Resolution g	Weight Approx. Kg
4 120 000 058	350 x 280	0 - 3	0,02 - 3	5	1	6
4 120 000 059	350 x 280	0 - 6	0,04 - 6	10	2	6
4 120 000 060	350 x 280	0 - 15	0,1 - 15	20	5	6

Weighing bridge type 081	Size weighing table mm	Weighing range Kg	Display range ¹⁾ Kg	Max load ²⁾ Kg	Resolution g	Weight Approx. Kg
4 120 000 061	500 x 400	0 - 30	0,2 - 30	50	10	14
4 120 000 062	500 x 400	0 - 60	0,4 - 60	100	20	14
4 120 000 063	500 x 400	0 - 150	1 - 150	200	50	14

¹⁾ below minimal value only non-calibrated weighing

²⁾ evenly distributed weight

SCALES



Weighing Bridges 082, 083 for electronic tabletop and floor scales

Weighing Bridge type 082

Options:

Castor installation, 2 rubber tyres and push-bar with bracket for terminal

- 4 120 000 064 powder coated
- 4 120 000 065 stainless steel 1.4301

Stand for table top scales, height with terminal approx. 600 mm

- 4 120 000 066 powder coated
- 4 120 000 067 stainless steel 1.4301

Stand for table top scales, height with terminal approx. 1000 mm

- 4 120 000 068 powder coated
- 4 120 000 069 stainless steel 1.4301

Backrest, 600 mm height, to be mounted to the length of the weighing bridge

- 4 120 000 070 powder coated
- 4 120 000 071 stainless steel 1.4301

Stainless steel version 1.4301

- 4 120 000 072 table of the weighing bridge (all other parts powder coated)

- 4 120 000 073 complete weighing bridge (except weighing cell)



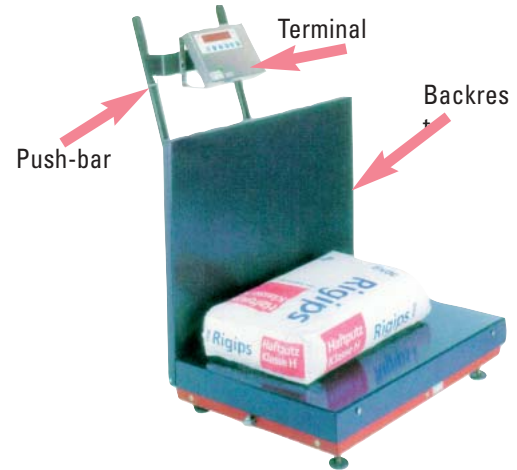
plug-in connection

- 4 120 000 074 between terminal and weighing bridge

extended range function

- 4 120 000 075 higher resolution

Weighing Bridge type 083



Options:

Castor installation, 2 rubber tyres and push-bar with bracket for terminal

- 4 120 000 076 powder coated
- 4 120 000 077 stainless steel 1.4301

Stand for table top scales, height with terminal approx. 600 mm

- 4 120 000 078 powder coated
- 4 120 000 079 stainless steel 1.4301

Stand for table top scales, height with terminal approx. 1000 mm

- 4 120 000 080 powder coated
- 4 120 000 081 stainless steel 1.4301

Backrest, 600 mm height, to be mounted to the length of the weighing bridge

- 4 120 000 082 powder coated
- 4 120 000 083 stainless steel 1.4301

Stainless steel version 1.4301

- 4 120 000 084 table of the weighing bridge (all other parts powder coated)

- 4 120 000 085 complete weighing bridge (except weighing cell)

plug-in connection

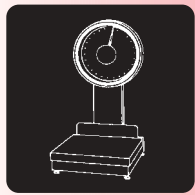
- 4 120 000 086 between terminal and weighing bridge

extended range function

- 4 120 000 087 higher resolution

Weighing bridge type 082	Size weighing table mm	Weighing range Kg	Display range ¹⁾ Kg	Max load ²⁾ Kg	Resolution g	Weight Approx. Kg
4 120 000 088	650 x 550	0 - 60	0,4 - 60	100	20	39
4 120 000 089	650 x 550	0 - 150	1 - 150	300	50	39
4 120 000 090	650 x 550	0 - 300	2 - 300	500	100	39
4 120 000 098	650 x 550	0 - 500	4 - 500	500	200	39

Weighing bridge type 083	Size weighing table mm	Weighing range Kg	Display range ¹⁾ Kg	Max load ²⁾ Kg	Resolution g	Weight Approx. Kg
4 120 000 091	800 x 600	0 - 150	1 - 150	300	50	52
4 120 000 092	800 x 600	0 - 300	2 - 300	500	100	52
4 120 000 093	800 x 600	0 - 500	4 - 500	500	200	52



Terminal Unit 83plus

Order No. 4 120 000 094

Features:

Reliable, all-round tabletop scale for use in industry and trade for the quick determination of weight and number. With its different functions the precise electronics allow versatile operation with great ease of use.

Terminal Unit 83plus

- Housing: Slim, spray-water proof, stainless steel CNS 1.4301, electric protection IP 65
- Keyboard: 6 membrane buttons with return for all functions
- Display: 7-segment LED – display, red, 6 digits, digit height 20 mm
- Functions: sum, count, set zero, set tare, send data
- Port: 2 RS 232/V24 ports, 2.400 – 19.200 Bit/s, full duplex, permanent, automatic or on demand



Construction:

Direct force exertion onto a DMS weighing cell.

Surface Protection

Weighing bridge completely made of stainless steel 1.4301 Weighing-cell made of anodised aluminium alloy.

Technical Data:

- Weighing error: according to the calibration rules and OIML for retail scales class III
- Fluctuation time: 2 sec
- Operational temperature: -10 bis +40 °C
- Storage temperature: -20 bis +65 °C
- Protection: IP 65
- Lateral Load: max 30 % of max top load
- Weighing cells: approved according to R60
- Plug-in power adapter: 2 m power cable IP20
- Voltage: 230 VAC -15% +10%

SCALES



- On / Off
- Sum
- Count
- Set Zero
- Print
- Set Tare

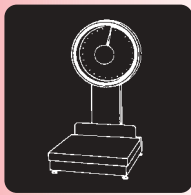
Weight / Number



Dot Matrix Printer

Accessories:

- Order No. 4 110 000 184 stand, powder coated
- 4 120 000 097 dot matrix printer DPU-414, for thermo-paper
- 4 110 000 185 bracket for printer



Weighing Bridge 062 for electronic roll-through scales

Order No. 4 120 000 043



Technical Data:

Dimensions:	mm
Weighing range:	0 – 200 Kg
Display range:	2 – 200* Kg
Resolution:	100 g
Max. load:	300** Kg
Weight:	34 Kg
Fluctuation time***:	2 sec
Operational temperature:	-10 to +40°C
Storage temperature:	-20 to +65°C
Protection:	IP 65
Lateral Load:	max 30% of max top load
Connection Cable:	5 m, soldered in, different versions possible
Weighing Cells:	Approved according to R60
Weighing error:	according to the calibration rules and OIML for retail scales class III

- versatile
- portable
- lightweight
- incl. low ramp stainless steel 1.4301
- space saving

¹⁾ Below minimal value, only non-calibrated measurements
²⁾ Evenly distributed weight
³⁾ Depending on terminal and environment.

Features:

Portable lightweight weighing bridge with low weighing platform (only 35 mm thick) and a short, spring loaded ramp (115 mm long). It can be put up on flat, even and supporting ground. Thus it is possible to roll on carts with small wheels without in-ground construction – there is no need to dig up the floor of your production halls. The weighing bridge can easily be transported to different places of operation with its side mounted handles.

If there is no need for a second ramp (Accessory No. 4 110 000 181) a roll-off protection bar (Accessory No. 4 110 000 182) can be mounted to the end of the platform. Also a safety rail (Accessory No. 4 110 000 183) is available.

Construction

Direct force exertion onto a DMS weighing cell made of anodised aluminium alloy. To be connected to all terminals.

Surface Protection

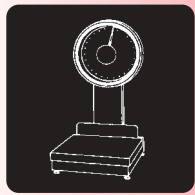
Weighing bridge completely powder-coated, type 080 and 081 have a platform made of stainless steel 1.4301.

Accessories

Order No.	
4 110 000 181	additional ramp, CNS 1.4301
4 110 000 182	roll-off protection bar, CNS 1.4301
4 110 000 183	hand rail, CNS 1.4301

Options

Order No.	
4 120 000 044	detachable connection to the terminal instead of soldered in cable
4 120 000 045	version with several measuring ranges



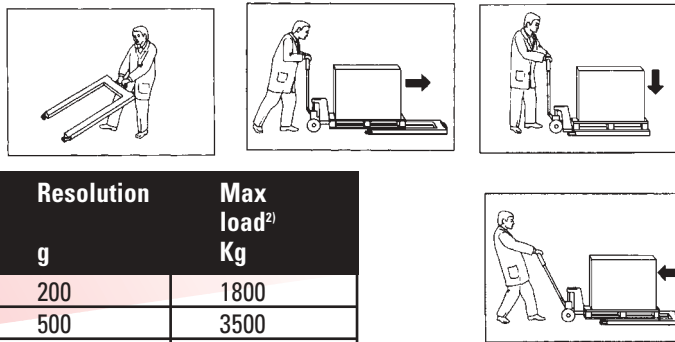
Weighing bridge 050 for palette carts

Can be connected to all terminal units.

Sturdy movable U-shaped weighing bridge. Can easily be moved around using the two wheels and handle. Direct force exertion into four DMS weighing cells.



Weighing bridge powder coated, handle and wheels made of plastic, weighing cells made of corrosion proof steel alloy. Approx. 5 m soldered in measuring cable.



Weighing Bridge type 050	Dimensions mm	Weighing range ¹⁾ Kg	Resolution g	Max load ²⁾ Kg
4 120 000 103	1250 x 840	4 - 600	200	1800
4 120 000 104	1250 x 840	10 - 1500	500	3500
4 120 000 105	1250 x 840	20 - 2000	1000	3500
4 120 000 106	1250 x 840	20 - 3000	1000	4000

Weighing Bridge 050 for electronic pallet carts

Order No. 4 120 000 109

Features

Sturdy manual pallet cart with built-in reliable scale for non-calibrated weight determination in industry and trade. Weight and numbers can be determined right on-the-spot without transportation to a weighing station. The terminal unit 83plus allows a very versatile use with its many functions.

Construction / Surface Protection

Direct force exertion into 4 DMS weighing cells made of nickel plated steel, approved according to R60. Strong U-profile frame with seamless fork tips, painted. Polyurethane tyres and steering castors. Built in charger with 2 m power cable.

Options

Dot Matrix Printer – Order No. 4 120 000 107

Thermo-paper printer incl. standard receipt

Terminal Unit 84 – Order No. 4 120 000 108

Setting of tare and single weight, recall of those values, free formatting of the printer receipts, database and statistics, recording of data, transfer of data to computer systems. Further options such as wireless connection and barcode reader on request.



Technical data:

Weighing range*: 0 – 2000 Kg

Resolution: 1000 g

Max load*: 2000 Kg

Weighing error: approx. 0.1%

Operational temperature: -10 to +40°C

Storage temperature: -20 to +65°C

Weight: 145 Kg

Weight distribution, front / aft

With load: 409 / 1735 Kg

Without load: 86 / 59 Kg

Wheel size, front / aft: 200 x 50 / 80 x 63 mm

Wheels front / aft: 2 / 4

Track front / aft: 135 / 370 mm

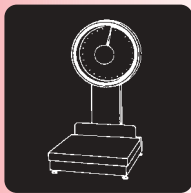
Battery capacity, continual use:

min 8 hours

Charging time: min 6 hours

Standby: 60s after last use

Automatic power-off: after 10 min



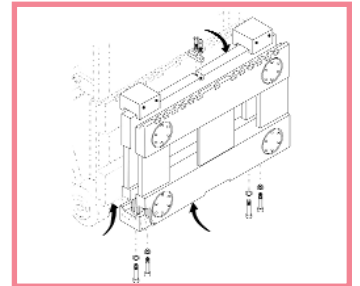
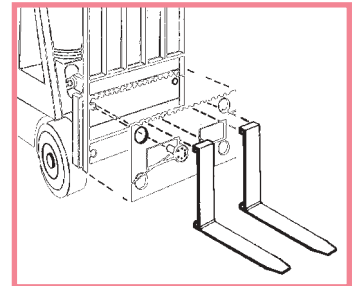
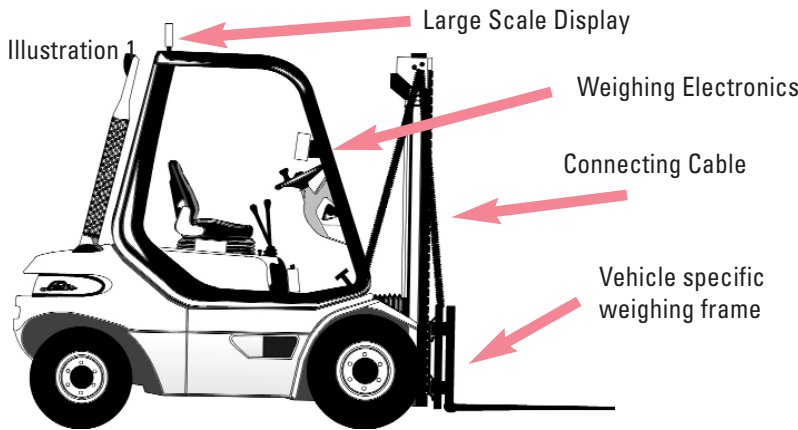
Rational weighing of live fish and transport

AGK – LTS – System

Move and weigh live fish in one work step. Available as 2.5t to 8t version

Order No. 4 110 000 210 (standard 2.5t)

The forklift is one of the most important means of transportation in today's fish farms. For an efficient use of your expensive machines it is important that detours or empty runs are avoided. Our forklift weighing system is the solution to optimise the workflow in this respect. A scale equipped forklift does not need to detour for a weighing station. An other advantage shows when you are loading or unloading vehicles. Time is money. Save on both by using the elegant and efficient forklift weighing system. All versions have in common a detachable connector between the weighing cells in the fork and the display in the forklift cockpit. The connector box on the fork is water proof and the connecting cable is highly flexible and durable (illus. 1)



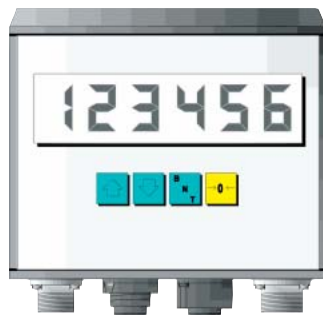
Fields of use:

- control of received and dispatched stock
- weight control when loading and discharging vehicles
- stock count and inventory

The electronic units

Lift Truck Monitor LTM 400

Weighing electronics with gross / net / tare functions
Order No. 4 460 000 015



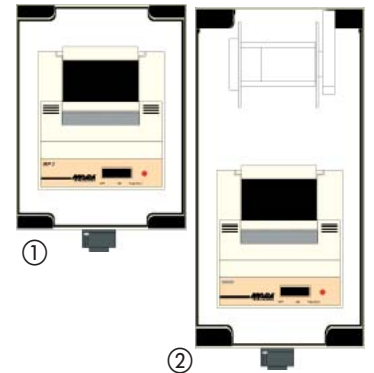
- gross, net and tare functions
- set tare with water tank
- record displayed weight into tare memory
- set zero
- illuminated display
- sturdy construction
- aluminium housing
- simple mounting with quick-lock fasteners
- dust and hose proof

Mobilprinter MP 3, MP 3 PA

Sturdy Dot-Matrix Printer

- ① **MP 3 – Order No. 4 460 000 016**
Mobile printer with rip-off edge
- ② **MP 3 PA – Order No. 4 460 000 017**
Mobile printer with automatic paper feed

The MOBA mobile printers can be connected to all MOBA weighing units with printer port. The printers have a dot matrix ribbon mechanism printing on normal paper 21/4" width. The printers are available in two versions:



Technical Data MP 3 (MP 3 PA)
 Mechanism: dot matrix
 Paper: normal
 Width of paper: 21/4 Zoll
 Voltage: 12 V DC
 (24V through adapter)
 Power supply: through weighing unit

Housing: plastic
 Protection: IP 54
 Width: 140 mm (140 mm)
 Height: 200 mm (330 mm)
 Depth: 120 mm (120 mm)
 Weight: 1500 g
 Dimensions without mounts and connector